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Total Number of Pages in This Submission

Application Number	10/658,043
Filing Date	September 9, 2003
First Named Inventor	Guo et al.
Art Unit	2878
Examiner Name	Constantine Hannaher
Total Number of Pages in This Submission	3
Attorney Docket Number	015559-282

### ENCLOSURES (Check all that apply)

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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Thompson Hine LLP 2000 Courthouse Plaza N.E., 10 West Second Street, Dayton, Ohio 45402-1758		
Signature			
Printed name	Steven J. Elleman		
Date	9/16/05	Reg. No.	41,733

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Attorney

41,733  
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicant : Guo et al.  
Serial No. : 10/658,042  
Filed : September 9, 2003  
Title : METHOD FOR MAKING AN INFRARED DETECTOR AND INFRARED DETECTOR  
Docket : 015559-282  
Examiner : Constantine Hannaher  
Art Unit : 2878

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**RESPONSE TO RESTRICTION REQUIREMENT**

This paper is filed in response to the Office action mailed on August 18, 2005, having a period of response extending through and including September 18, 2005. The Office action indicates that the application includes claims directed to infrared and ultrasonic patentably distinct species of the claimed invention.

Claims 1-15, 23, 24, 28-31, 36-54, 56, 59, 60, 62 and 62-66 are indicated to be generic, leaving claims 16-22, 25-27, 32-35, 55, 57, 58, 61 and 67-70 as requiring election. In the event no generic claim is found to be allowable, applicant elects to pursue the species of the invention termed "infrared" by the Office action, including claims 16-22, 25-27, 32, 34, 35, 55, 57, 58, 61, 67, 69 and 70.

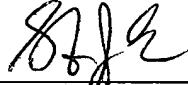
Serial No.: 10/658,042  
Attorney Docket No.: 015559-282  
Response to Restriction Requirement

In addition, it is submitted that claims 17-22, 25-27, 34, 35, 55, 57, 58, 69 and 70 are generic. In particular, each of the corresponding independent claims (claims 1 and 45) specify that the detector can be either 1) an infrared sensitive component or 2) a piezoelectric or piezoresistive element. Further, each of claims 17-22, 25-27, 34, 35, 55, 57, 58, 69 and 70 are not limited to either a infrared sensor or an ultrasonic sensor. Although many of these claims provide more specific details with respect to either the infrared sensitive component or the piezoelectric or piezo resistive element, these claims all depend from a base independent claim which is not limited to either an infrared or ultrasonic sensor.

For example, claim 32 specifies that the detector *is* an infrared radiation detection (and therefore is not argued to be generic). In contrast, claim 19 provides additional details with respect to the infrared sensitive component, but the detector could still be an infrared sensitive component or a piezoelectric or piezoresistive element as specified in claim 1.

In the event that the examiner wishes to discuss any aspect of this response, please contact the undersigned at the telephone number indicated below.

Respectfully submitted,



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